

What is claimed is:

1. An internet connection service providing method, wherein service classes each for each user as a subject of authentication of log-in in network are preset, a service class preset for a logged-in user is recognized, and a service corresponding to a recognized service class to a pertinent user based on the recognition is provided.

2. The internet connection service providing method according to claim 1, wherein a fee corresponding to the service class is computed based on fee managing data and charged to the pertinent user.

3. The internet connection service providing method according to claim 1, wherein an applicable service class is preset for each user on the basis of a contract.

4. An internet connection service providing method, wherein a particular ISP (internet service provider) provides an internet connection service in a plurality of places, and user management data concerning service classes preset for individual users and service class correspondence data representing service contents corresponding to the service classes are provided as a system in the ISP, and a service corresponding to each user utilizing the internet connection service is provided, as desired, based on the user management data and the service class correspondence data irrespective of connection from

any one of the plurality of places.

5. The internet connection service providing method according to claim 1, wherein advertisement data which have been preliminarily received from an advertisement requester and accumulated are distributed to logged-in users in correspondence to pertinent service classes.

6. The internet connection service providing method according to claim 5, wherein utilization or communication service fees concerning the distribution of the advertisement data to the pertinent users are covered by advertisement fee paid by the advertisement requester to the ISP based on advertisements as the subject of the request.

7. The internet connection service providing method according to claim 1, wherein the advertisement data preliminarily received from the advertisement requester and accumulated are further distributed to the pertinent users based on advertisement distribution requests therefrom.

8. The internet connection service providing method according to claim 7, wherein an amount obtained by subtracting an advertisement reading fee corresponding to the number of times and frequency of advertisement

reading from the internet connection service fee is charged.

9. The internet connection service providing method according to claim 8, the number of times of advertisement reading as the basis of discount computation or a value obtained by multiplying the number by a coefficient or a numerical value corresponding to frequency or degree is accumulated and updated as points.

10. The internet connection service providing method according to claim 9, wherein the points are as well accumulated and updated with respect to users, who have read advertisements accumulated in ISP managing a system for counting the points from the outside via the internet.

11. The internet connection service providing method according to claim 1, wherein advertisement data preliminarily received from the advertisement requester and accumulated are distributed to logged-in users, and the distribution history such as the number of times and degree of the distribution is accumulated and updated for each advertisement of the advertisement data.

12. The internet connection service providing method according to claim 1, wherein a status that advertisement data accumulated by the advertisement requester have been read by the user via the internet, and

distribution history such as the number of times and degree of distribution is accumulated and updated for each advertisement of the advertisement data.

13. The internet connection service providing method according to claim 1, wherein a status that the user has read advertisements by accessing a system, which is managed by an advertisement distributing dealer accumulating and possessing advertisement data concerning advertisements requested by an advertisement requester, via the internet, and distribution history such as the number of times and frequency of the distribution is accumulated and updated for each advertisement of advertisement data.

14. The internet connection service providing method according to claim 13, wherein the system, which is managed by an advertisement management dealer accumulating and possessing advertisement data concerning advertisements requested by an advertisement requester, possesses distribution record data obtained by recording the number of times and degree of advertisement distribution for obtaining a fee corresponding to the number of times and frequency of the advertisement distribution from the advertisement requester.

15. The internet connection service providing method according to claim 1, wherein the service classes

of the logged-in users are recognized, and services classified by predetermined communication qualities are provided to users.

16. The internet connection service providing method according to claim 1, wherein the service classes of the logged-in users are recognized, and services classified based on the kinds of preset accessible media and protocol are provided to users in correspondence to recognized service classes.

17. An internet connection service system applicable for carrying out the method as set forth in claim 1, comprising a network managing server for managing the network utilization state of each of a plurality of users, a router for connecting the system to internet, and a service server, the service server being arranged to provide services and charge fees to the users based on service class data for managing service classes capable of being utilized by the users and fee management data for managing the state of fee charging for each user.

18. The internet connection service system according to claim 17, wherein the fee management data constitutes the basis of charging a fee corresponding to the service class of each user.

19. The internet connection service system

according to claim 1, wherein the service class data are built up by preliminarily setting, by contracts, service classes each applicable to each user.

20. The internet connection service system applicable to carrying out the method as set forth in claim 4, which further comprises a user management database capable of providing internet connection service in a plurality of different places under management by an ISP (internet service provider) and having data concerning the service classes each preset for each user, and a service class correspondence table representing service contents corresponding to the service classes, respectively, a service being provided, as desired, to each of users utilizing the internet connection service based on the user management database and the service class correspondence table irrespective of the connection of any of the plurality of places.

21. The internet connection service system according to claim 17, which further comprises an advertisement distributing server for accumulating advertisement data preliminarily received from advertisement requester and distributing the accumulated advertisement data to the users, the advertisement distributing server being applicable to distribute advertisement data to pertinent logged-in users corresponding to service classes recognized by data in the

service server.

22. The internet connection service system according to claim 17, wherein the service server is arranged such as not to charge any fee for advertisement distribution and communication services required therefor to users.

23. The internet connection service system according to claim 17, wherein the service server includes a service class correspondence table for managing the service classes such as to fit advertisement distribution requests each from each user and a fee managing table for managing fees for each user, and distributes advertisement data received from the advertisement requester and accumulated to the pertinent users based on the service class correspondence table to meet the user's advertisement distribution requests.

24. The internet connection service system according to claim 24, wherein the fee managing table in the service server is arranged such that the data of each user is updated to an amount obtained by subtracting an advertisement reading fee amount corresponding to the number of times and degree of advertisement reading from the internet connection service utilization fee.

25. The internet connection service system

according to claim 24, wherein the service server further includes a point managing table for accumulating and updating, as points, a numerical value corresponding to the number of times of advertisement reading as the basis of the discount computation or a value obtained by multiplying the number by a coefficient or a numerical value corresponding to the number of times and degree of advertisement reading.

26. The internet connection service system according to claim 25, wherein the service server is arranged to accumulate and update pertinent points regarding users, who have read advertisements accumulated in ISP for managing a point counting system from the outside via internet.

27. The internet connection service system according to claim 21, wherein the service server has an arrangement that it possesses distribution history accumulation data obtained for each advertisement of the advertisement data by accumulating and updating the distribution history such as the number of times and degree of the distribution of the advertisement.

28. The internet connection service system according to claim 21, wherein the service server has an arrangement that it recognizes the status of reading of advertisement data accumulated by the advertisement



requester by the user via internet and possesses distribution history accumulation data obtained for each advertisement of the advertisement data by accumulating and updating the distribution history such as the number of times and frequency of the distribution of the advertisement.

29. The internet connection service system according to claim 21, wherein the service server has an arrangement that it recognizes the status of reading of advertisement data by accessing a system, which is managed by an advertisement distributing dealer for accumulating and possessing advertisement data of advertisements concerning the request by an advertisement requester, and possesses distribution history accumulation data obtained by accumulating and updating distribution history such as the number of times and degree of distribution of each advertisement of the advertisement data.

30. The internet connection service system according to claim 29, wherein the system managing the advertisement distribution dealer for accumulating and possessing advertisement data of advertisements concerning the request by an advertisement requester, possesses distribution record data obtained by recording the number of times and frequency of advertisement distribution for obtaining a fee corresponding to the number of times and degree of the advertisement

distribution from the advertisement requester.

31. The internet connection service system according to claim 21, which further comprises a QoS (quality of service) unit for controlling a preset QoS for each user's service class, and the service server has a communication quality managing table, in which communication qualities of services are preset.

32. The internet connection service system according to claim 21, which further comprises an access control unit for limiting communication media according to preset sections provided for the user's service classes, respectively, and the service server includes a media managing table, in which an accessible media and a protocol are defined for each service class.